HAVERLAND

RCV

Installation and Operating Instructions

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WE THANK YOU FOR PURCHASING A HAVERLAND THERMAL TRANSMITTER.

PLEASE READ THESE INSTRUCTIONS BEFORE STARTING THIS APPLIANCE.

THESE INSTRUCTIONS SHOULD BE KEPT FOR FUTURE REFERENCE AND SHOULD BE GIVEN TO ANY NEW USER.

BEFORE CONNECTING THE APPLIANCE MAKE SURE THAT IT'S VOLTAGE (230 V – 50 HZ) COINCIDES WITH THE VOLTAGE OF THE POWER SUPPLY WHERE IT IS GOING TO BE CONNECTED.

THE APPLIANCE SHOULD NOT BE USED IN PRESENCE OF GASES, EXPLOSIVES OR INFLAMMBLE OBJECTS.

GENERAL WARNINGS

This thermal transmitter is an appliance to be fixed to the wall. Please read the explicatory instructions for its assemblage.

This transmitter has been filled with determined quantity of special thermal fluid. For this reason the necessary reparations that need the opening of the deposit or presence of any kind of escape should be undertaken by the manufacturer or by its Technical Assistance Service.

Never pull the wire. Do not leave the connection wire in contact with the appliance while it is On.

During its functioning, one must be careful to maintain the appliance far from combustible material such as curtains, carpets furniture etc.

DO NOT COVER THE APPLIANCE DO NOT USE IT TO DRY CLOTHES. If it is covered there is an overheating risk.

In order to prevent children from modifying the thermal transmitter programming, a safety blocking function is incorporated.

To enter the programming mode the "Prog" key must be pressed for at least one and a half second.

DANGER: If the power supply cable is damaged, it should be substituted by the manufacturer or its Technical Assistance Service or any qualify personal.

If the appliance is going to be installed in the bathroom, it should be put in such a way that nobody in the bathtub or shower should be able to touch it (Fig. 1).

The appliance should not be located under or in front of a power supply socket.

In order to disconnect the thermal transmitter from the mains power supply, unplug from the wall socket.

Ensure that the thermal transmitter has been unplugged from the wall socket before carrying out any operation inside.

At the moment of getting rid of these transmitters, the established rules for their treatment and recycling should be kept into account (thermal fluid).

The installation should be undertaken according to the correct rules regarding the electric installation.

All the models come with a safety thermostat. This will disconnect the appliance if it gets overheated for any reason.

The appliance should be installed in such a way that the power supply plug should always be accessible. The appliance hasn´t a ground connection.

This transmitter should not be fitted in. Please respect the safety distance (Fig. 2).

The guarantee of the appliance will not cover any damage caused by not reading and following carefully these instructions.

This appliance is not intended for use by persons (including children) withreduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instructionconcerning use of appliance by a person responsible for their safety. Children should be supervised to ensure that they do not play with the appliance.

The RCV can work with external programming devices or any other device of exterior control, providing that the period of electrical disconnection is not superior to 24 hours.

Children of less than 3 years should be kept away unless continuously supervised.

Children aged from 3 years and less than 8 years shall only switch on/off the appliance provided that it has been placed or installed in its intended normal operating position and they have been given supervision or instruction concerning use of the appliance in a safe way and understand the hazards involved. Children aged from 3 years and less than 8 years shall not plug in, regulate and clean the appliance or perform user maintenance.

CAUTION — Some parts of this product can become very hot and cause burns. Particular attention has to be given where children and vulnerable people are present.

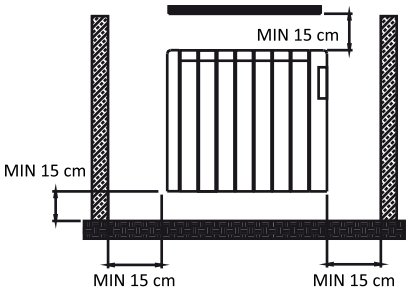


FIG.2

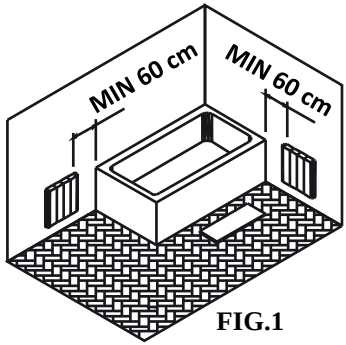


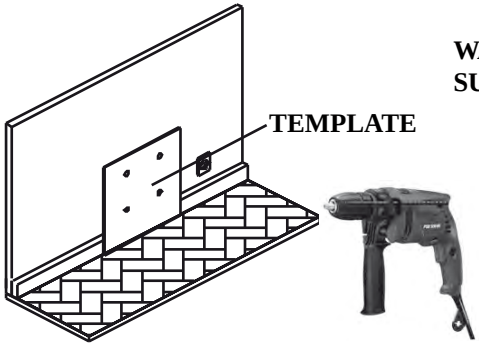
FIG.1

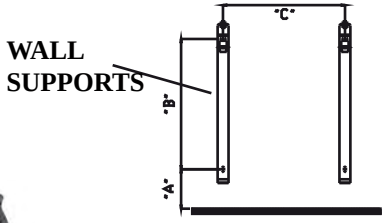
SPECIFICATIONS

Power	Elements	Large	High	Depth	Net Weight
750 W	6	593 mm	580 mm	94 mm	15.3 kg
1000 W	8	751 mm	580 mm	94 mm	19.2 kg
1250 W	10	909 mm	580 mm	94 mm	23.2 kg
1500 W	12	1067 mm	580 mm	94 mm	27.3 kg
1800 W	14	1225 mm	580 mm	94 mm	30 kg

INSTRUCTIONS FOR THE INSTALLATION

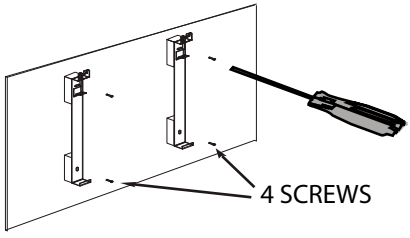
1) - It is important that the transmitter IS FIXED FIRMLY TO A SOLID AND LEVELLED WALL.
   - Make sure that theres is a socket near the area where you are going to place it.
   - Take out from the box the pattern to see the exact position of the bores necessary.



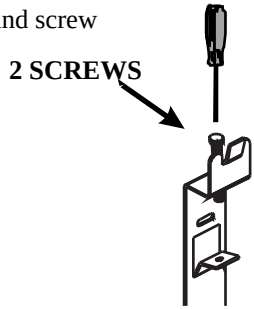


(W)	"A" (mm)	"B" (mm)	"C" (mm)
750	420	246	319
1000	420	246	478
1250	420	246	638
1500	420	246	638
1800	420	246	638

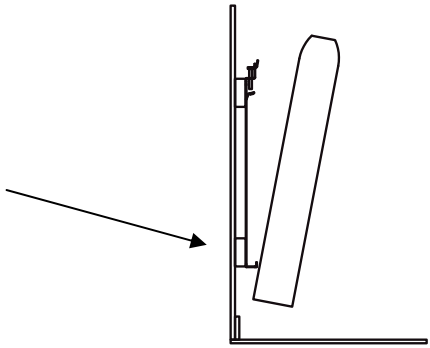
2) Take out the 4 cleats (diameter 8 mm) from the bag od accessories, the 4 5,5 x 60 mm screws.



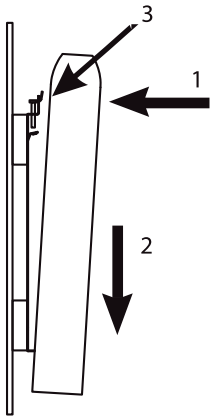
3) Take the two 6 x 40 mm screws and screw of them lightly on both supports



4) Place the transmitter on the lower side of the wall separators.



5) Move the transmitter carefully towards the left or right till is centralized and fixed on the two canals which are on its back.



❶ and ❷ Place the transmitter vertically and once it is parallel to the wall.

❸ Let it fall gently till the upper separators get into both canals.

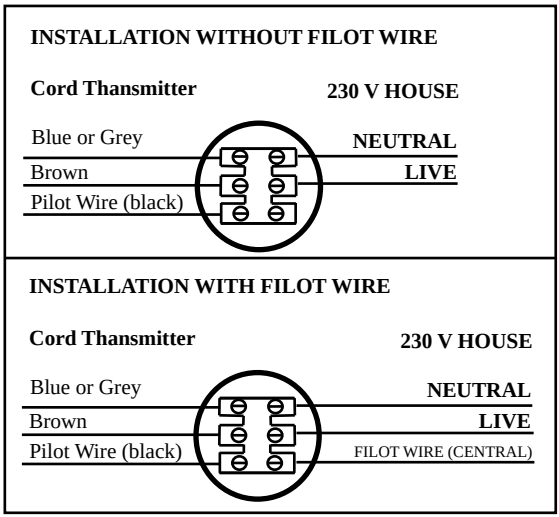
6) To have the transmitter perfectly fixed to the wall, screw completely the 6 x 40 mm screws in the upper part of the separators.

Make sure that the transmitter is perfectly fixed to the wall to avoid future risks,
Then connect the conductive wires (**please, see page 4**) to a nearby power supply (socket).

ELECTRIC CONNECTION

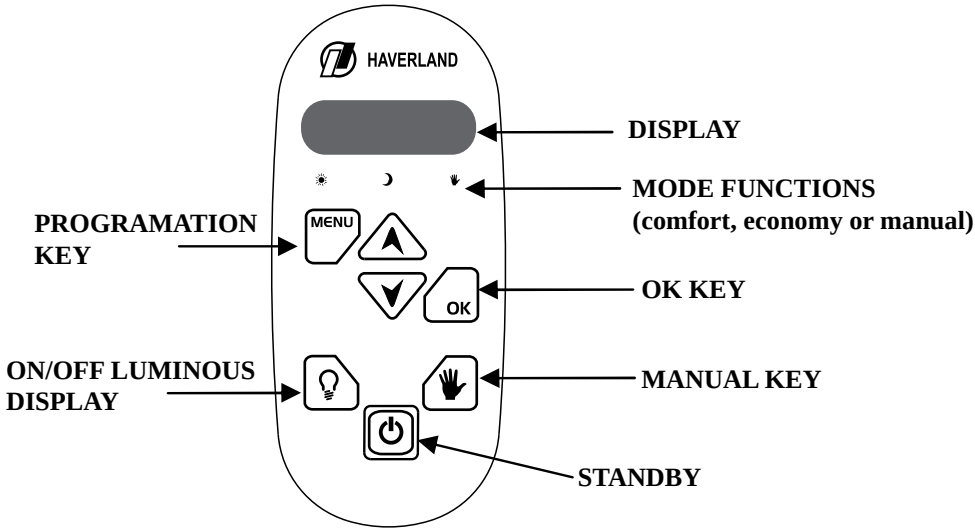
- This heater must be used on an ~ supply only and the voltagemarked on the heater must correspond to the supply voltage.

- Before wiring the appropriate plug, please note that the wires in this mains lead are coloured inaccordance with the following code:



- If the power supply cable is damaged, it should be substituted by another one provided by the manufacturer or its Technical Assistance Service.

USING THE HEATER. CONTROLS



For new housing, regulation of **RCV** is managed through a central programming with over 6 orders pilot wire.

The control can to be managed in part or the control can to be independently managed.

The **RCV** dispone of 4 predetermined programs and additional personal programming.

The control panel has a digital display. The luminescent screen goes to sleep, after adjustments made.

KEYS FUCTIONS:

- To switch off the display

- Key (manual mode) can manage the temperature of your device to the application without special programming: manual (blue LED lit)

  You lower or raise the temperature according to your presence and rhythm of life by simply pressing the keys until the desired temperature, then confirm by pressing the key .
- Keys : by pressing both buttons pedant 2s, you can activate the child lock (key lock) and off (possible function even when the display is off).

To enter the basic parameters of the RCV (hours, minutes, day):

1) Press the key On / Off Heating

The digital display shows the time or the temperature.

By pressing the button , you swap the 2 displays.

2) Press the key to inform the different parameters (hours, minutes, day)

Change the time using the keys

Pressing the key you validate the hours and minutes setting.

3) Change the minutes to the keys

Pressing the button you validate the minutes and proceed to setting the day.

4) Change day wih the keys

Finally confirm by pressing

IMPORTANT:
In the display, the days of the week are shown in the following way:

dd Lu = Monday / dd MA = Tuesday / dd ME = Wednesday / dd JE = Thursday /
dd UE = Friday / dd SA = Saturday / dd di = Sunday

Programme mode, choose a program:

Press the button for 2 sec

t ° C is displayed, you can choose your comfort temperature by pressing keys

To validate press the key

t ° E is displayed, you can choose your eco temperature by pressing keys

To validate press the key

The program currently being displayed (**Pr01, Pr02, Pr03, Pr04, USEr**)

You can now modify the existing program by simply pressing the keys

To validate press the key

● In selecting **Pr01, Pr02, Pr03 ou Pr04** your device following the heating time periods corresponding to the selected program:

P1 Monday to Friday from 14 pm to 23 pm -Saturday from 7 am to 12 am and Sunday from 8 am to 23 pm.

P2 Monday to Friday from 6 am to 9 am - 15 pm to 23 pm Saturday from 7 am to 12 am and Sunday from 8 am to 23 pm.

P3 Monday to Friday from 7 am to 23 pm - Saturday from 7 am to 12 am and Sunday from 8 am to 23 pm.

P4 Monday to Friday from 6 am to 9 am - 11 am to 14 pm - 17 pm to 23 pm, Saturday from 7 am to 12 am and Sunday from 8 am to 23 pm.

● By selecting **USEr**, you can create your personalized program. Programming will day by day and hour by hour.

[Periods 00 hours from Monday (Lu: 00) to Sunday 23 hours (Di: 23)]

To get started, displayed Lu: 00 (Monday, 00 hours)

You must select for each hour the first heating mode by using the arrows

☀ comfort (red LED lit)

☽ eco (green LED lit)

To confirm by pressing the key

to go to the next hour. Repeat until Sunday 23 hours (Di: 23)

You can always go back to programming in pressing

At that moment, you check hour by hour, by scrolling the program upside down without changing its state.

Override mode:

The program follows a thermostat spéfifié (switching between comfort and eco pedant specified time slots).

At any time you can depart from the current program by simply pressing buttons and selecting the desired temperature:

Manual (blue LED flashes)

It will remain active until the next change of time slot.

Control mode by pilot wire:

RCV has a pilot wire control that allows management through a central programming. This function takes precedence over the mode, longer follow-up programs, not manage hours, related to menu functions disabled.

Display order:

- comfort (solid red LED): Comfort reference (that you set the temperature of comfort)
- eco (solid green LED): -1 º C setpoint Comfort (Automatic modes comfort and eco)
- LED flash green 1 short: Comfort reference -1 º C (automatic adjustment mode comfort and eco)
- LED flash green 2 short: Comfort reference -2 º C (automatic adjustment mode comfortable and eco).
- LED flashing green: 50% on / off 50% (anti-freeze)

Override mode:

The thermostat is following orders from the programming unit (switching between comfort and eco during specified time slots). At any time you can depart from the current pilot-wire mode by simply pressing the buttons by selecting the desired temperature and which will remain active until the next change order on the pilot wire.

The comfort temperature is adjustable at any time, simply press the button 2 s **t º C** is displayed, you can choose your comfort temperature by pressing the keys .

And press the OK button

Safety – overheat protection

For your safety, this appliance is fitted with a thermal cut-out. In the event that the product overheats, the cut-out switches the heater off automatically.

To bring the heater back into operation, remove the cause of the overheating, then unplug or turn off the electrical supply to the heater for a few minutes.

When the heater has cooled sufficiently, re-connect and switch on the heater.

Important Notes

The sides plastics may become discoloured with use – this is caused by UV rays of the sun.

Cleaning and User Maintenance

WARNING – ALWAYS DISCONNECT FROM THE POWER SUPPLY BEFORE CLEANING THE HEATER.

Do not use detergents, abrasive cleaning powder or polish of any kind on the body of the heater.

Allow the heater to cool, then wipe with a dry cloth to remove dust and a damp cloth (not wet) to clean off stains. Be careful not to allow moisture into the heater.

After Sales Service

Your product is guaranteed for two years from the date of purchase.

Within this period, we undertake to repair or exchange this product free of charge provided it has been installed and operated in accordance with these instructions.

Your rights under this guarantee are additional to your statutory rights, which in turn are not affected by this guarantee.

Should you require after sales information or assistance with this product please go to www.haverland.co.uk where you will find our help guide by clicking on “Contact Us” or ring our helpdesk:

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email: heat@haverland.co.uk

Please retain your receipt as proof of purchase.

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Instructions on environment protection. Do not dispose of this product in the usual household garbage at the end of its life cycle ; hand it over a collection pointfor the recycling of electrical and electronic appliances. The symbol on the product, the instructions for use or the packing will inform about the methods of disposal. The materials are recyclable as mentioned in its marking. By recycling or others forms of re-utilization of old appliances, you are making an important contribution to protect ourenvironment. Please inquire at the community administration for the authorized disposal location.